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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Reissue Application:  
of U.S. Patent No. 5,759,080

Examiner: K. Ramsey

SEISHIRO YOSHIOKA ET AL.

Group Art Unit: 2879

Appln No.: 09/587,249

Filed: June 2, 2000

For: DISPLAY DEVICE WITH  
ELECTRON-EMITTING DEVICE  
WITH ELECTRON-EMITTING  
REGION INSULATED FROM  
ELECTRODES

January 10, 2002

Commissioner for Patents  
Washington, D.C. 20231

SUPPLEMENTAL REISSUE DECLARATION FOR REISSUE PATENT  
APPLICATION (37 C.F.R. 1.175) AND POWER OF ATTORNEY

Sir:

As a below named inventor, I hereby declare and say that:

1. I believe that I am one of the original, first and joint inventors of the subject matter which is claimed in the subject reissue application and for which a reissue patent is sought on the invention entitled DISPLAY DEVICE WITH ELECTRON-EMITTING DEVICE WITH ELECTRON-EMITTING REGION INSULATED FROM ELECTRODES, the specification of which was filed in the Patent and Trademark Office on June 2, 2000, and accorded Application No. 09/587,249.

2. I have reviewed and understand the contents of the above-identified reissue application, including the claims.

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3. I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 C.F.R. § 1.56.

4. I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application, which designates at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed:

<u>Country</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Priority Claimed</u>
Japan	62-174837	July 15, 1987	Yes
Japan	62-250448	October 2, 1987	Yes
Japan	62-255063	October 9, 1987	Yes
Japan	62-255068	October 9, 1987	Yes
Japan	63-102485	April 27, 1988	Yes
Japan	63-102486	April 27, 1988	Yes
Japan	63-102487	April 27, 1988	Yes
Japan	63-102488	April 27, 1988	Yes
Japan	63-154516	June 21, 1988	Yes

5. I believe that the original, above-identified U.S. Patent is partly inoperative by reason of my having claimed less than I had the right to claim in the subject patent.

Our U.S. Patent 5,759,080 correctly claims some aspects of our invention, namely a method of preparing an electron-emitting device as defined in Claims 1-5 of that patent, but

does not claim other aspects to which we are entitled. In particular, Claims 1 and 2 of our U.S. Patent 5,759,080 recite, in part, "etching the insulating layer so as to partially expose the fine particles" and "etching the semiconductor layer so as to partially expose the fine particles", respectively, and Claims 3-5 of our U.S. Patent 5,759,080 each recite, in part, "dispersing fine particles between said electrodes". One of the errors in our U.S. Patent 5,759,080 is that none of those original claims provides patent protection for a broader aspect of the present invention not requiring those steps, such as a method of fabricating an electron-emitting device which comprises a pair of electrodes and a layer disposed between the electrodes, the method comprising the steps of disposing the pair of electrodes in first and second regions on a substrate, respectively, and providing the layer between the regions, the layer comprising a metal and a semiconductor, wherein the metal is Pd. This aspect of the invention is set forth in Claim 6, which has been added in the present reissue application. Therefore, our U.S. Patent 5,759,080 does not give our invention adequate protection.

Accordingly, I believe that the failure of our U.S. Patent 5,759,080 to provide adequate protection for the aspect of our invention discussed above and set forth in Claim 6 renders the patent partly inoperative for the reason that we claimed less than we had the right to claim in the patent.

6. I hereby declare and say that every error in the patent which was corrected in the present reissue application, and which is not covered by the prior oath(s) and/or declaration(s) submitted in this application, arose without any deceptive intention on my part.

7. I hereby appoint the practitioners associated with the firm and Customer Number provided below to prosecute this application and to transact all business in the Patent and

Trademark Office connected therewith and direct that all correspondence be addressed to the address associated with that Customer Number:

**FITZPATRICK, CELLA, HARPER & SCINTO**

**Customer Number: 05514.**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor SEISHIRO YOSHIOKA

Inventor's signature Seishiro Yoshioka

Date Feb. 6, 2002 Citizen/Subject of JAPAN

Residence 2-5, Fujimino 1-chome, Hiratsuka-shi

Kanagawa-ken, Japan

Post Office Address c/o Canon Kabushiki Kaisha,

30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan

Full Name of Second Joint Inventor, if any ICHIRO NOMURA

Second Inventor's signature Ichiro Nomura

Date Jan. 30/2002 Citizen/Subject of JAPAN

Residence 2-1-4-302, Morinosato, Atsugi-shi

Kanagawa-ken, Japan

Post Office Address c/o Canon Kabushiki Kaisha

30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan

Full Name of Third Joint Inventor, if any HIDETOSHI SUZUKI

Third Inventor's signature *Hidetoshi Suzuki*

Date January 30, 2002 Citizen/Subject of JAPAN

Residence 927-1-201, Ishikawa, Fujisawa-shi

Kanactawa-ken, Japan

Post Office Address c/o Canon Kabushiki Kaisha

30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan

Full Name of Fourth Joint Inventor, if any TOSHIHIKO TAKEDA

Fourth Inventor's signature *Toshihiko Takeda*

Date Jan. 30, 2002 Citizen/Subject of JAPAN

Residence 3-12-2-205, Morinosato, Atsuci-shi

Kanagawa-ken, Japan

Post Office Address c/o Canon Kabushiki Kaisha

30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan

Full Name of Fifth Joint Inventor, if any TETSUYA KANEKO

Fifth Inventor's signature *Tetsuya Kaneko*

Date January 31, 2002 Citizen/Subject of JAPAN

Residence 4-12-8, Shimonoya-cho, Tsurumi-ku

Yokohama-shi, Kanagawa-ken, Japan

Post Office Address c/o Canon Kabushiki Kaisha

30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan

Full Name of Sixth Joint Inventor, if any YOSHI KAZU BANNO

Sixth Inventor's signature *Yoshikazu Banno*

Date Feb. 4, 2002 Citizen/Subject of JAPAN

Residence 7-23-6-208, Tamagawagakuen, Machida-shi

Tokyo, Japan

Post Office Address c/o Canon Kabushiki Kaisha

30-2, Shimomaruko 3-chome Ohta-ku Tokyo Japan

Full Name of Seventh Joint Inventor, if any KOUJIRO YOKONO

Seventh Inventor's signature Koujiro Yokono

Date Feb. 4, 2002 Citizen/Subject of JAPAN

Residence 2-14-308, Namiki 2-chome Kanazawa-ku

Yokohama-shi Kangawa-ken Japan

Post Office Address c/o Canon Kabushiki Kaisha

30-2 Shimomaruko 3-chome, Ohta-ku Tokyo, Japan

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Washington, D.C. 20231

ASSIGNEE STATEMENT  
UNDER 37 C.F.R. § 3.73 (b)

Sir:

The undersigned, as representative of CANON KABUSHIKI KAISHA, certifies that, to the best of his knowledge and belief, title to United States Letters Patent No. 5,759,080 is in the name of CANON KABUSHIKI KAISHA. This title was evidenced by an assignment recorded in the U.S. Patent and Trademark Office on August 19, 1991, at Reel No. 5875, Frame No. 0170, and an assignment recorded in the U.S. Patent and Trademark Office on July 13, 1988 at Reel No. 4907, Frame 0290.

The undersigned (whose title is supplied below) is empowered to sign on behalf of CANON KABUSHIKI KAISHA.

January 21, 2002  
Date

CANON KABUSHIKI KAISHA

Nobuyoshi Tanaka Ph.D.  
Managing Director  
Group Executive  
Corporate Intellectual Property and  
Legal Headquarters

35.C5745 CIP/C2/D2/REI



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ASSENT OF ASSIGNEE TO REISSUE UNDER 37 C.F.R. § 1.172

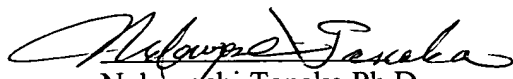
Sir:

CANON KABUSHIKI KAISHA, a corporation and assignee of the entire right,  
title, and interest in United States Letters Patent No. 5,759,080, hereby assents to the above-  
identified application to reissue such Letters Patent.

The undersigned (whose title is supplied below) is empowered to sign on behalf  
of the assignee.

CANON KABUSHIKI KAISHA

January 21, 2002  
Date

  
Nobuyoshi Tanaka Ph.D.  
Managing Director  
Group Executive  
Corporate Intellectual Property and  
Legal Headquarters

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